



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In continuation-in-part re application of

TALBOT ALBERT CHUBB

Serial No. 10/696,516

ART UNIT

3641

Examiner

Rick Palabrica

Filed: 10/30/03

For: APPARATUS AND PROCESS FOR
GENERATING NUCLEAR HEAT

AMENDMENT

Commissioner for Patents

Washington, D.C. 20231

Sir,

In response to the Office Action Mailed 24 November 2006; please amend Application Serial No. 10/696,516 by replacing paragraphs or sections which contain new text, as follows. New text is underlined.

In the Specification:

p.1, paragraph 2

This invention relates to heat generating processes and more particularly to heat generating processes in which deuterium participates in exothermic nuclear reactions in condensed matter. Further, the invention is directed to low energy nuclear reactions taking place in condensed matter, which includes radiationless cold nuclear fusion and other nuclear transmutations. It adds to the art developed by Iwamura et al. between 1996 and 2002, which art avoids instabilities in reactors using excessively non-equilibrium D/Pd content as taught by Fleischmann and Pons (1989).